

What is claimed is:

1. A chicken infectious anemia virus (CIAV) vaccine, comprising live CIAV passaged in MDCC-MSB-1 (MSB-1) cells, wherein the vaccine does not cause Marek's Disease.
2. The CIAV vaccine of claim 1, wherein the vaccine does not produce gross lesions in chicken embryos.
3. The CIAV vaccine of claim 1, wherein the vaccine does not produce anemia in chicken embryos.
4. The CIAV vaccine of claim 1, wherein the vaccine can be safely administered to chickens less than 28 days of age.
5. The CIAV vaccine of claim 1, wherein the vaccine can be safely administered to chickens greater than 28 days of age.
6. The CIAV vaccine of claim 1, wherein the vaccine can be safely administered to chicken embryos *in ovo*.
7. The CIAV vaccine of claim 6, wherein the chicken embryos are at between 16 and 20 days of incubation.
8. The CIAV vaccine of claim 1, wherein the vaccine is inactivated.
9. A method of making a CIAV vaccine, comprising culturing CIAV in MSB-1 cells, and removing or killing any Marek's disease virus present in the CIAV-containing MSB-1 cell culture.

10. The method of claim 9, comprising subjecting the CIAV-containing MSB-1 cell culture to at least 3 cycles of freezing and thawing, followed by a step of maintaining the cells for about 3 days at about 37°C..
11. The method of claim 9, comprising the step of filtering the MSB-1 cell culture through a 5 micron filter.
12. The method of claims 10 or 11, wherein the method makes a vaccine that does not cause Marek's disease in chickens immunized with the vaccine.
13. A method of immunizing a chicken against CIAV infection, comprising administering to the chicken an amount of the CIAV vaccine of claim 1 sufficient to induce an immune response to CIAV.
14. The method of claim 13, wherein the immune response is protective against infection by CIAV.
15. The method of claim 13, wherein the immune response is protective against clinical disease caused by CIAV infection.
16. The method of claim 13, wherein the immune response produces antibodies that are protective against CIAV infection in the progeny of immunized chickens.
17. The method of claim 13, wherein the vaccine is administered to chickens from about 1 to 12 weeks of age.
18. The method of claim 9, wherein the vaccine can be administered in combination with Marek's disease vaccine, infectious bursal disease vaccine, reovirus vaccine, Newcastle disease vaccine, infectious bronchitis disease vaccine, pneumovirus vaccine and avian influenza virus vaccine.

19. The method of claim 13, wherein the vaccine is administered in drinking water.
20. The method of claim 13, wherein the vaccine is administered parenterally.
21. The method of claim 20, wherein the vaccine is administered by spray.
22. The method of claim 20, wherein the vaccine is administered by injection.